



Small & Medium Business

Cisco Product Reference Guide

Switching	48 Port		24 Port (16 Port)		5-8-12 Port		Accessories	
	Gigabit Ethernet 10/100/1000	Fast Ethernet 10/100	Gigabit Ethernet 10/100/1000	Fast Ethernet 10/100	Gigabit Ethernet 10/100/1000	Fast Ethernet 10/100	Gigabit Ethernet Transceiver Modules 10/100/1000	Other Accessories
Layer 3 CORE/STACK (Dynamic Routing)								
3750v2 Series 10/100 Workgroup Switches								
3750-x Series Switches								
Layer 3 EDGE (RIP Layer 3 Routing)								
3560-E Series Switches								
3560-X Series Switches								
3560v2 Series Switches								
Cisco Small Business								
2960/2960v2 Series Switches								
300 Series Switches								
200 Series Switches								
100 Series Switches								

Surveillance - Small Business - Surveillance Cameras					
IP Cameras	Cisco WVC210 Wireless-IP PTZ Video Camera - Audio	Cisco PWC2300 Business Video Camera - Audio/PoE	Cisco WVC2300 Wireless-IP Business Video Camera - Audio/PoE	Cisco VC220 Dome Network Camera	Cisco VC240 Bullet Network Camera
Model	WVC210	PWC2300	WVC2300	VC220	VC240
Image Sensor & Size	CMOS - 1/4"/5mm	CCD - 1/4"/5mm	CCD - 1/4"/5mm	Wide Dynamic Range CMOS-1/3"	Wide Dynamic Range CMOS-1/3"
Max Resolution	640x480	640x480	640x480	640x480	640x480
Wireless	802.11G	No	1x2 MIMO 802.11G	No	No
PoE	No	Yes	No	Yes	Yes
Pan/Tilt	Yes	No, but RS-485 capable	No, but RS-485 capable	No	No, but RS-485 capable
GPIO	Yes (2/2)	Yes (2/2)	Yes (1/1)	Yes (1/1)	Yes (1/1)
Night Vision (IR)	No	Yes	Yes	Yes	No
Optical Zoom	No	No	3.6x	3.6x	2.6x
Common Features	Motion Detection, Security, 2-Way Audio, IP Filtering, Samba Client and MPEG-4/SP/MP2/D4 Codecs supported on all Cameras				

Surveillance - Small Business - Surveillance Cameras					
Enclosures	Camera Exterior Box Enclosure with Heater/Blower (P50)	Interior Recessed Ceiling Mount	Camera Enclosure Exterior with Tilt (P66)	Camera Enclosure Exterior with Tilt (P66)	Camera Enclosure Exterior with Tilt (P66)
Model	VC020	VC025	VC030	VC031	VC032
Camera Compatible	PWC2300	VC220	PWC300	PWC300 w/VC030	PWC300 w/VC030

Surveillance - Small Business - Surveillance Software					
Monitoring	Basic	Basic Plus	Advanced		
Model	SWMVS16 (Included)	LVM200-32	LVM300-04	LVM300-08	LVM300-16
# Cameras Supported	16	32	04	08	16
Third Party Camera Support	-	-	-	-	Yes
Analytics	-	-	-	-	Smart Guard, Counting, Acquisition, Point of Sale Integration
Alerts	-	-	-	-	Yes - Email, Telephone, FTP
Licensing	FREE - Included with Cameras				
Common Features	One software download/install with optional license keys that enable additional functionality, Multi-function playback and search				

Accessories		Manual Iris Lens	DC - Iris Lens
Model		CIVS-IPC-VF31+ IP Camera Fujinon 3 to 11mm varifocal lens	CIVS-IPC-VF31+ IP Camera Tamron 3 to 11mm varifocal lens
Camera Compatible		CIVS-IPC-VF38+ IP Camera Fujinon 3 to 8mm varifocal lens	CIVS-IPC-VF38+ IP Camera Tamron 3 to 8mm varifocal lens
		CIVS-IPC-VF35+ IP Camera Fujinon 5 to 50mm varifocal lens	CIVS-IPC-VF35+ IP Camera Tamron 5 to 50mm varifocal lens

Routing		500 Series Secure Routers	860 Series	880 Series	880 Series	1900 Series	1900 Series
		4-port 10/100 Mbps Managed Switch and Security Features, including Cisco IOS Firewall Set					
		Cisco Dynamic Multipoint VPN, Cisco GETVPN, and SSL VPN Solutions and Intrusion Prevention with Advanced IP Services					
		3G Option and Cisco Content Filtering and Voice with SRST					
		Base	Wireless Option	Base IOS	Wireless Option	Base IOS	Wireless Option
Ethernet		SR520-FE-K9 (4-port)	SR520W-FE-K9 (4-port)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
G.SHDSL				CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
ADSL (over Analog telephone line)		SR520-ADSL-K9 (4-port) ADSL over POTS WAN	SR520W-ADSL-K9 (4-port) ADSL over POTS WAN	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
ADSL (over ISDN)		SR520-ADSL-K9 (4-port) ADSL over ISDN WAN	SR520W-ADSL-K9 (4-port) ADSL over ISDN WAN	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
VDSL				CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
Multimode DSL (VDSL2/ADSL2+)				CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
3G Option		-	-	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
Voice with SRST		-	-	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)	CISCO861-K9 (10/100 FE)
Integrated Switching		4-port 10/100 Mbps LAN switch	4-port 10/100 Mbps LAN switch	4-port 10/100 Mbps LAN switch	4-port 10/100 Mbps LAN switch	4-port 10/100 Mbps LAN switch	4-port 10/100 Mbps LAN switch
Integrated Dial Back-up		-	-	All models except CISC0881	All models except CISC0881	All models except CISC0881	All models except CISC0881
Security		Stateful firewall3DES/AES IPSec	Stateful firewall3DES/AES IPSec	Stateful firewall, 3DES/AES IPSec and SSL VPN encryption, IPS, GET VPN	Stateful firewall, 3DES/AES IPSec and SSL VPN encryption, IPS, GET VPN	Stateful firewall, 3DES/AES IPSec and SSL VPN encryption, IPS, GET VPN	Stateful firewall, 3DES/AES IPSec and SSL VPN encryption, IPS, GET VPN
VPN		10 SSL VPN Tunnels, 20 IPSec VPN Tunnels	5 Tunnels	20 Tunnels	20 Tunnels	20 Tunnels	20 Tunnels

Cisco Adaptive Security Appliances		Cisco Security Appliance 500 Series	Cisco Services Ready Platforms	Routing	
				Cisco Small Business	
Cisco ASA 5505 Base / Security Plus		Cisco ASA 5505 Base / Security Plus	SA520-K9 / SA520W-K9 / SA540-K9	WAN Connectivity	
Small Business, Branch Office, Enterprise Teleworker		Internet Edge	Small Business	Switch Ports	
150 Mbps		300Mbps	SA520/SA520W - 200Mbps SA540 - 300 Mbps	Wireless	
Maximum Firewall Throughput (Mbps)		10,000 / 25,000	SA520/SA520W - 15,000 SA540 - 40,000	SPI Firewall	
Maximum Firewall Connections		Yes	Yes	Security Bundle with Advanced IP Services	
Application-layer and Layer 2 Transparent Firewall Services		Yes	Yes	IPSec VPN	
Maximum Site-to-Site and Remote Access VPN Sessions		250 Sessions	SA520/SA520W - 50 SA540 - 100	SSL VPN	
Maximum SSL VPN User Sessions 1		25	SA520/SA520W - 25 SA540 - 50	Client Devices & Accessories	
Bundled SSL VPN User Sessions 1		2	SA520/SA520W - 2 SA540 - 50	Model	
Connectivity		8 Port 10/100 Switch with 2 Power over Ethernet Ports	5-10/100 2-10/100/1000 3-10/100 +4-10/100/1000 4-SFP (with 4GE SSM)	WiFi Standards	
Maximum Virtual Interfaces (VLANs)		3 (bundling disabled) / 20 (bundling enabled)	50/100	Please speak to Cisco Sales Representative for more info	

Wireless		Small Business - Independent APs			Small Business Clustering APs	Aironet 1040	Aironet 1140	Aironet 3500i	Aironet 1260 Series	Small Business	Aironet 1300 Series	Aironet 1400 Outdoor Bridge		Aironet 3500e	
Access Point		Indoor Access Points						Indoor Rugged Access Points			Outdoor Rugged Access Points/Bridges				
															
Model		WAP200	WAP2000	WAP4410N	AP5418N-K9 (Single-band) AIR-AP1041N-K9 (Dual-band)	AIR-AP1041N-K9 (Single-band) AIR-AP1141N-K9 (Dual-band)	AIR-AP1141N-K9 (Single-band) AIR-AP1142N-K9 (Dual-band)	AIR-CAP3502-K9 (Single-band) AIR-CAP3501E-K9 (Dual-band)	AIR-LAP1261N-K9 (Single-band) AIR-LAP1261N-A-K9 (Dual-band)	WAP200E	AIR-AP1310C-A-K9 AIR-LAP1310C-A-K9-N	AIR-BR1410A-Z-K9	AIR-BR1410A-A-K9-N	AIR-CAP3501E-K9 (Single-band) AIR-CAP3502E-K9 (Dual-band)	
Environment		Small Business/SOHO	Small Business/SOHO	Small Business/SOHO	Small Business	Commercial, Small-Enterprise (Indoor "Carpeted")	Commercial, Small-Mid Enterprise (Indoor "Carpeted")	For Challenging RF Environments (Indoor "Carpeted") - Cisco Clean Air	For Challenging RF Environments (Indoor "Rugged")	Small Business (External)	Commercial, Small-Mid Enterprise (External)	Commercial, Small-Mid Enterprise (External) - Wireless Bridging)	Commercial, Small-Mid Enterprise (External) - Cisco Clean Air		
Radio	Data Uplink (Mbps)		10/100	10/100	10/100	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100	10/100	10/100	10/100	10/100/1000	
	Power		802.3af, 12V DC	802.3af, 12V DC	802.3af, 12V DC	802.3af, 12V DC, 100-240VAC	802.3af	802.3af	802.3af	802.4f	PoE, 48DC	+12 to +40 VDC source or Cisco Aironet Power Injector IJL2T	48 VDC +1-2V		
	Antennas		Internal	Internal	Internal	Internal	Internal	Internal	Internal	External	Internal	Internal	Internal	External	
	Wi-Fi Standards		802.11b/g	802.11b/g	802.11b/g	802.11b/g	a/b/g/n	a/b/g/n	a/b/g/n	a/b/g/n	b/g	b/g	b/g	a/b/g/n	
Management	Autonomous or Lightweight		Autonomous*	Autonomous*	Autonomous*	Clustering* (APs can be setup; share same config info)	Standalone or Controller-based	-	Controller-based	Standalone or Controller-based	Autonomous*	Lightweight	Autonomous	Controller-based	
	* cannot be soft converted to Lightweight for use with a Wireless Controller														